

243 (Automated)

C.V.

D.V.

CO 03 CODE KY-787-D

PKG.

DEC 22

33456

EST. WGT.

1090

LBS.

STD. MRS.

8.9

TIME

11 P M

14 - YC-2-B 98 4

Lot 24167, 2000 #

Lot 24081, 400 #

Lot

PROCESSES		APPROVED BY
() KY-787-D	()	FWK 9/22/76
()	()	DCG 9/27/76
()	()	MTW 9/30/76
()	()	
TYPED BY		
N.E. 2/12/77		

OK
SLH

(3)

Homog #3 - 1ST Pass

Total Wgt. - 3490#

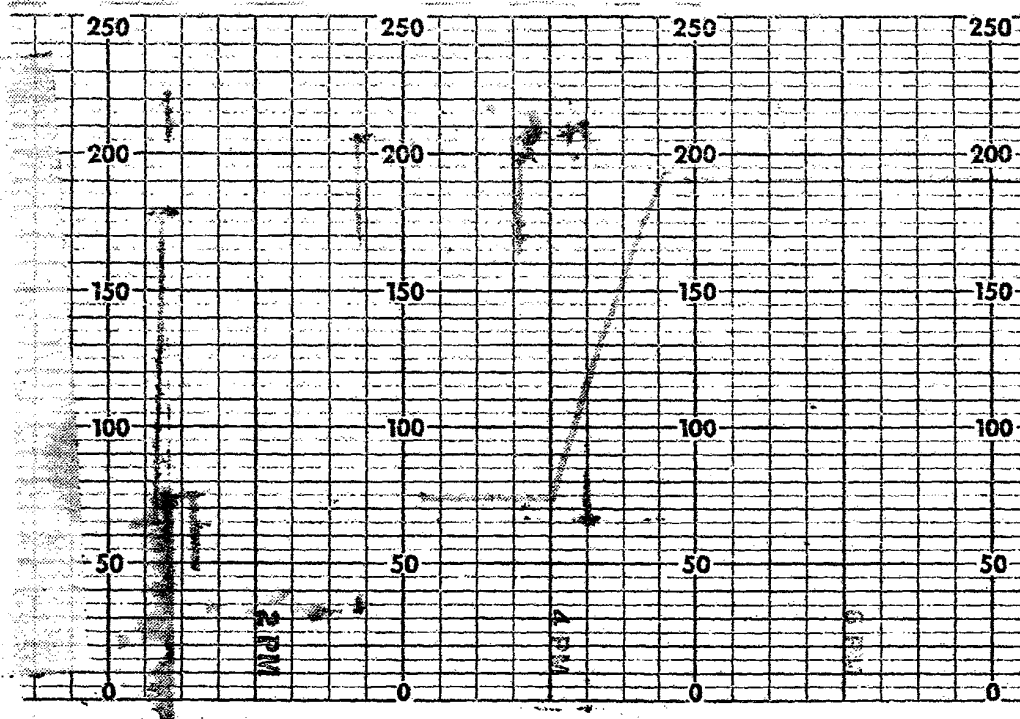
NON-BLEEDING

IPMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
203	10" "KROLOR" - YELLOW MEDIUM			
&	1 Run 10" (992 G) water into V-203			
205	2 Weigh in drum & pour in	320	32-D	320
1	3 Dump in and stir 5 min	48 x 50	YC-2-B	2400
	Record: Start 10:35 AM	24167	2000	
	Fin 12:40 PM	24081	400	
	4 Adj to 70" (1200 G)	2400-2600		
	5 Pump V-203 thru Homog #3 at 1800-2200 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2000 psi using minimum water			
	7 Record V-205 Vol 4.8" & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
205	9 Run 10" (514 G) water into SV & start agitator			
&	10 Pump V-205 thru Homog at 4800-5200 psi into V-243			
SV	Record: Time start 7:32 P Total Min 130			
2	NOTE: If Homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-205			
	11 When V-205 MTY, run in 5" (240 G) water and pump thru Homog at 4800-5200 psi			
SP	12 SP Step 01 - Set Formula Selector to position #2 (V-243) or #7 (V-244)			
&	13 Press SV Cam Reset PB-set 22TC in Auto Remote			
CP	(Temperature is set at 190-194F)			
3	14 Record levels and set Raw Materials Counter #1 as follows:			
	a. 11LG 50 % - preset #1 80 Gal		15-A	160
	b. 13LG 46 % - preset #6 135 Gal		20-A	135
	15 Set strike flow controllers as follows:			
	a. 3FC10 (N-27-D Controller) in Manual 0.83 GPM		27-D	275
	b. 3FC20 (N-27-D Water) in Manual Local 5.28 GPM			
	c. 3FR10 (N-27-D/Water Ratio) 0.64			
	d. 8FC10 (N-32-D Controller) in Manual 1.08 GPM		32-D	1840
	e. 8FC20 (N-32-D Water) in Manual Local 4.47 GPM			
	f. 8FC20 (N-32-D Water) in Remote			
	g. 8FR10 (N-32-D/Water Ratio) 0.83			
SV	16 Operator Step PB			
SP	17 Record Level 2 LG 86 %. If below 35% follow solution make-up procedure for N-27-D			
&	18 Adj to 48" (2470 G)			
CP	19 Record pH 10.7			
4	20 Adj to 11.1 - 11.3 N-7-D diluted to 5% Assume 50% (10 parts water to 1 part N-7-D)	30	7-D	15
	Siphon into SV. Record pH 11.3			
	21 Operator Step PB			

NIM

V-243

JIPMENT	PAGE 2 CG 03 CODE KY-787-D	EST. WGT. 3490	LBS.	USE LBS.	N CODE	ACC LBS
SV	22 SP Step 06/39 - After heat up Record: pH <u>10.0</u> (9.5-10.0)					
SP	23 Switch 3FC20, 8FC10, 8FC20 to Auto					
&	24 Operator Step PB					
CP	25 SP Step 10/43 - When 3FC20, 8FC10, 8FC20 water flows in limits					
5	Switch 3FC10 to Auto. Operator Step PB					
	26 SP Step 11/44 - When 3FC10, 3FC20 flows in limits, switch 3FC20 to Remote.					
	27 Operator Step PB					
	28 During strike, record pH & time as follows: <u>11:35 PM</u>					
	SP STEP					
	V-243/V-244	pH	Range	Time		
	13/46 (30 min)	<u>9.8</u>	9.0-10.0	<u>12:05 AM</u>		
	14/47 (60 min)	<u>9.8</u>	9.0-10.0	<u>12:35 AM</u>		
	15/48 (2 hrs)	<u>9.8</u>	9.0-10.0	<u>1:35 AM</u>		
	16/49 (2 hrs 25 min)	<u>9.8</u>	9.0-10.0	<u>2:00 AM</u>		
	17/50 (3 hrs Final)	<u>8.0</u>	7.5-8.5	<u>2:35 AM</u>		
	NOTE: If not as specified notify Supervisor & note in log					
	If final pH is above 8.5, add pH to 7.5-8.5 &					
	Record: pH Assume 77%					
					27-D	
339	29 While striking, run 30" (234 G) water into V-339					
6	30 Add in 7-8 min			350	530-A	350
	31 Adj to 49" (382 G) at 80 - 100°F					
	32 Stir 5 min & record pH <u>10.2</u> (9.5-10.5)					
	33 Stir 15 min or longer to dissolve for SP Step 26					
	34 Record Vol <u>49</u> & calculate <u>49</u> (Vol) x 0.78 = <u>38.2 G</u>					
	35 Set preset #8 to <u>38.2 G</u> from S 34					
302	36 Add 30" (360 G) water to V-302					
7	37 Add & stir 2 min For S 41		Assume 50%	160	7-D	80
243	38 SP Step 17/50 - After checking pH, Operator Step PB					
	39 SIFT in 2 Bags			100	128-A	100
SP	40 SP Step 23/53 - Record: pH <u>4.3</u> (3.7-4.2)					
&	41 Run in N-7-D from S 37 in 10-12 min & stir 5 min					
CP	42 Record: pH <u>9.0</u> (9.0-9.5) & if necessary add pH 9.0-9.5					
8	& Record: pH Assume 77%				27-D	
	(Dilute 10 parts water to 1 part N-7-D) Assume 50%.				7-D	
	Siphon N-7-D into SV					
	43 Operator Step PB					
	44 SP Step 29/58 Record: pH <u>9.4</u> (9.0-10.0) Time <u>4:40 AM</u>					
	45 Operator Step PB					
	46 SP Step 60 - Batch complete					
	Start	Finish	Optr			
	Time SP Step	Time SP Step				
	<u>12:40 P</u>	<u>3:00 P</u>	<u>235</u>			
	<u>3:14</u>	<u>11:14</u>	<u>223-438</u>			
	<u>11:00 PM</u>	<u>5:20 AM</u>	<u>145</u>			



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